



Jas Enterprises

An ISO 9001:2008 Certified Company

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Emery Scourer

An emery scourer (emery roller) machine is used to obtain cracking and scratching of clean pulses passing through it. For loosening the husk to facilitate the subsequent oil penetration this is required. Gradually the clearance between the emery roller and cage (housing) is narrowed from inlet to outlet. Cracking and scratching of husk takes place mainly by friction between pulses and emery as the material is passed through the narrowing clearance. During the operation some of the pulses are de husked and split which are separated by sieving.



- This high efficiency machine is used to remove adhering dust or husk particle to the grain. Ideal machine used for de-hulling of wheat & other grain.
- Machine mostly used in whole meal flour plant and pulses mill plant.
- Processing effect can be adjusted from outside by means of slide control device

Constructions of emery scourer (husk remover)

Emery roller is used for de husking the pulses, wheat, grains, corn, maize, rice and many more is consist heavy duty fabricated cover & structure. Roller is rotating with an emery roller with lower rpm. Both end of shaft is fixed with baring & bearing housing to reduce the rotating frictions of the shaft and get with higher affectingly. The complete unit is mounted on heavy duty section channel. The machine is available in 3 H.P., 5 H.P.

Key features of emery scourer (husk remover)

- Unique and reliable design
 - The emery scourers are highly effective as well as nonstop continuous de husking process.
- Easier operation & less maintenance cost.
- Compact design, occupies very little space.
- A minimized power consumption by the way of friction losses. Low noise operation, no wastage of product and no pollution hazard.
- Very easy operations, requires no skilled labor

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Developed and Managed by Jas Enterprises



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Operation of emery scourer (husk remover)

Jas enterprises is offering emery scourer (emery roller machine). This machine is simple in construction and easy to operate & maintain. It consist of horizontal emery roller is covered with, surrounded by a screen. Pulses, rice, wheat, maize, are passes via feeding hopper between screen & emery roll. Because of lower rpm of machine grains, pulses etcâ€ were giving de husked.

Application of emery scourer (husk remover)

Emery scourer is used to remove the impurities adhering to the wheat surface. This machine is also used after the second dampening to remove the husk which has loosened after the first or second conditioning of the wheat, gram, green wholes lentil, red wholes lentil, toor dal wholes beans, green gram, moong black gram, urad. The specialty of our machine is that it takes less powder and gives maximum production.

Standard accessories of emery scourer (husk remover)

- Motor pulley.
- Adjustable rail for fixing motor.

Extra accessories of emery scourer (husk remover)

- Suitable totally enclosed fan cooled three phases or single phase sq. Cage motor as per is: 325 or 996.
- Suitable miniature circuit breaker as per is: 8828 with 3 meter cable & 3 pin top as per is: 1293 for single phase electric motors.
- Starters, main switch, ampere meter, capacitor for single phase electric motor.
- Foundation bolts
- V belts
- Magnetic hopper